

Title (en)  
ESTER BASED FUNCTIONAL FLUID

Title (de)  
FUNKTIONELLE FLÜSSIGKEIT AUF ESTERBASIS

Title (fr)  
FLUIDE FONCTIONNEL À BASE D'ESTER

Publication  
**EP 4386068 A1 20240619 (EN)**

Application  
**EP 22306924 A 20221216**

Priority  
EP 22306924 A 20221216

Abstract (en)  
The present invention relates to the use of specific esters in a functional fluid for electric vehicles.

IPC 8 full level  
**C10M 105/34** (2006.01); **C10N 20/00** (2006.01); **C10N 20/02** (2006.01); **C10N 40/04** (2006.01); **C10N 40/14** (2006.01); **C10N 40/16** (2006.01)

CPC (source: EP)  
**C10M 105/34** (2013.01); **C10M 2207/281** (2013.01); **C10M 2207/2815** (2013.01); **C10N 2020/02** (2013.01); **C10N 2020/065** (2020.05); **C10N 2020/071** (2020.05); **C10N 2040/04** (2013.01); **C10N 2040/14** (2013.01); **C10N 2040/16** (2013.01)

Citation (applicant)  
US 4518810 A 19850521 - MATSUDA MORIO [JP], et al

Citation (search report)  
• [X] US 2016319215 A1 20161103 - HIROOKA IWAKI [JP], et al  
• [A] US 2022131205 A1 20220428 - CHAMPAGNE NICOLAS [FR]  
• [A] US 2020277542 A1 20200903 - SALVI LUCA [US], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4386068 A1 20240619**; WO 2024126732 A1 20240620

DOCDB simple family (application)  
**EP 22306924 A 20221216**; EP 2023085918 W 20231214